OMB Approval
#1910-1100

12-97

Name _____
Address _____
City/St. _____
Zip code _____
Social Security _____
Telephone Home ( ) _____
Work ( ) _____

U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION

SUPPLEMENTAL QUESTIONNAIRE FOR POWER SYSTEM CONTROL CRAFTSMAN OR POWER SYSTEM CONTROL CRAFTSMAN TRAINEE 5

TO APPLICANT: The information requested on this Supplemental Questionnaire is needed to evaluate and rate your application. Fill out all pages completely and accurately. The questions have been designed to cover a wide range of skills and knowledge to insure that you receive all credit for experience to which you are entitled. However, you are not expected to have full knowledge of every element listed. Be sure your answers reflect YOUR OWN actual skills and knowledge. If you appear to be qualified as a Power System Control Craftsman or Craftsman Trainee based on the information contained in this supplemental questionnaire, an ORAL INTERVIEW will be scheduled to confirm your level of experience.

PRIVACY ACT INFORMATION

The Bonneville Power Administration is authorized to rate applicants for Federal jobs under the provisions of Title 5, United States Code, chapter 11, sections 1104, 1302, 3301, and 3304.

The information you provide will be used to determine your qualifications for these positions. If you do not complete the information listed, we will be unable to rate your application, and you will not be considered for these positions.

Your Social Security Number is required to keep your records straight as other people may have the same name and birthday.

CERTIFICATION STATEMENT	
I certify that the information provided in this supplemental questionnaire is true and correct to the best of my knowledge. By my signature, I authorize the Bonneville Power Administration to obtain a driving abstract from the state in which I am licensed.	
Signature	Date

SUPPLEMENTAL QUESTIONNAIRE

MINIMUM QUALIFICATIONS FOR CRAFTSMAN OR CRAFTSMAN TRAINEE V: Applicants must have a minimum of two years formal education in electronics; i.e. an Associate of Applied Science Degree such as Electronic Engineering Technology, military electronics/communications schools, apprenticeship involving electronics/communications, an electronic technician trade school, etc. The applicant must have a total of 5 years combined education and experience in maintaining electronic equipment. In addition, the applicant must be willing and capable to work under the conditions detailed on page 20, Element 7, question 12.

Instructions

This questionnaire will be used to assess the extent of your knowledge about some of the job elements of the position(s) you are applying for. This form is very long and there can be a tendency to rush through it. It is to your best interest to take your time and be complete. Short descriptive answers will be adequate, but they must included all the requested information. Minimize the use of "ditto" marks.

There are 8 sections (Elements) to this questionnaire. Applicants for journeyman Craftsman must fill out all 8 sections, while applicants for Craftsman Trainee must fill out 7 of the 8 sections. Read the instructions contained at the beginning of each section and in the column headings carefully. These instructions need to be followed so you will receive full credit for your past experience.

Clarification: The Craftsman Trainee position is not an apprenticeship. Only journeyman technicians in the electronics field qualify for this position. The Craftsman Trainee completes a training program that orients them to the specific communication equipment and systems utilized in Bonneville Power Administration.

Statements made on this form will be subject to verification by contact with former employers, education establishments, and the state of residence (for driving record).

DISQUALIFYING DRIVING RECORDS

Within the past THREE years, any of the following conditions disqualify an applicant for a U. S. Government Motor Vehicle Authorization:

A. Conviction for operating a motor vehicle under the influence of alcohol or a control substance.

B. Conviction for leaving the scene of an accident without making his or her identity known.

C. Driver license suspended, revoked, or canceled.

D. Any recurrent record of auto accidents/incidents, traffic violations, or arrests which demonstrates that the employee does not have an adequate sense of responsibility. This may be shown by any of the following:

- Conviction for fleeing or attempting to elude a police officer.
- Conviction for a felony involving the use of a motor vehicle.
- Two or more accidents in which the applicant was at fault.
- Two or more excessive speeding violations (15 miles per hour or more over the posted limit.)
- Four or more moving violations

ELEMENT 1 ABILITY TO DO THE WORK OF A POWER SYSTEM CONTROL CRAFTSMAN/TRAINEE 5 WITHOUT MORE THAN NORMAL SUPERVISION

Questions	Employment History and Independent Work Examples
List your employment history that	
relates to the electronics or	
telecommunications field. Include	
dates. Attaching a separate sheet is	
acceptable, (i.e. a Resume).	
List several examples that illustrate	
your ability to work independently	
doing installation, maintenance, and	
repair of a variety of electronic and	
telecommunications equipment.	
Utilize complex examples where	
possible, but keep the descriptions	
brief. Only include examples where	
you have had primary responsibility	
and personally performed the work.	

ELEMENT 2 KNOWLEDGE OF THE ASSEMBLY, ADJUSTMENT, AND REPAIR OF ELECTRONIC AND COMMUNICATIONS EQUIPMENT

Activities:
A. INSTALLATION - mounting and external wiring
B. PREVENTIVE MAINTENANCE - manufacturer's recommended or company's routine maintenance
C. TROUBLESHOOTING - analyzing and identifying defective assembly or subassembly
D. MODULE REPLACEMENT - replacement of an entire assembly or subassembly
E. MODULE REPAIR - repairing defective components, align and test module
F. COMMISSIONING - initial testing, assuring proper operation, and meeting manufacturer's specifications
G. KNOWLEDGE OF EQUIPMENT - where knowledge of equipment was obtained

EQUIPMENT GROUPS	Work experience on each equipment in yr/months	Check each box below which describes an activity which you have independently performed on the equipment						List manufacturer of equipment and how you gained knowledge of the equipment. **No credit for experience will be given without this information**. Reference to your application is acceptable, or utilize a separate sheet if necessary.
1. VHF/UHF RADIO		**A**	**B**	**C**	**D**	**E**	**F**	**G**
MOBILE RADIO								
VHF RADIO REPEATER								
FIXED STATION UHF RADIO								
PORTABLE RADIO								
2. POWER LINE PROTECTIVE RELAYING		**A**	**B**	**C**	**D**	**E**	**F**	**G**
POWER LINE CARRIER COMMUNICATION (Used by Power Utilities)								
POWER LINE CARRIER PROTECTIVE RELAY (Used by Power Utilities)								
POWER LINE FAULT LOCATING EQUIPMENT								
TRANSFER TRIP EQUIPMENT								
3. EMERGENCY POWER EQUIPMENT		**A**	**B**	**C**	**D**	**E**	**F**	**G**
ENGINE GENERATOR POWER SYSTEMS (INCLUDING TRANSFER SWITCH)								
COMMUNICATION BATTERY & CHARGER								
INVERTERS / UPS								

ELEMENT 2 KNOWLEDGE OF THE ASSEMBLY, ADJUSTMENT, AND REPAIR OF ELECTRONIC AND COMMUNICATIONS EQUIPMENT

Activities:
A. INSTALLATION - mounting and external wiring
B. PREVENTIVE MAINTENANCE - manufacturer's recommended or company's routine maintenance
C. TROUBLESHOOTING - analyzing and identifying defective assembly or subassembly
D. MODULE REPLACEMENT - replacement of an entire assembly or subassembly
E. MODULE REPAIR - repairing defective components, align and test module
F. COMMISSIONING - initial testing, assuring proper operation, and meeting manufacturer's specifications
G. KNOWLEDGE OF EQUIPMENT - where knowledge of equipment was obtained

EQUIPMENT GROUPS	Work experience on each equipment in yr/months	Check each box below which describes an activity which you have independently performed on the equipment						List manufacturer of equipment and how you gained knowledge of the equipment. **No credit for experience will be given without this information**. Reference to your application is acceptable, or utilize a separate sheet if necessary
4. MICROWAVE RADIO 1.8 GHz & ABOVE		**A**	**B**	**C**	**D**	**E**	**F**	**G**
ANALOG COMMUNICATION RADIOS								
DIGITAL COMMUNICATION RADIOS								
RADAR								
5. MICROWAVE MULTIPLEX		**A**	**B**	**C**	**D**	**E**	**F**	**G**
FREQUENCY DIVISION MULTIPLEX								
DIGITAL MULTIPLEX (T1 OR D1 TYPE MULTIPLEXER)								
6. DIGITAL SYSTEMS		**A**	**B**	**C**	**D**	**E**	**F**	**G**
DIGITAL CONTROL / ALARM SYSTEMS								
SCADA SYSTEMS								
COMPUTERS								
OTHER DIGITAL SYSTEMS, I.E. STATISTICAL MULTIPLEXERS, LAN/WAN, ETC.								

ELEMENT 2 KNOWLEDGE OF THE ASSEMBLY, ADJUSTMENT, AND REPAIR OF ELECTRONIC AND COMMUNICATIONS EQUIPMENT

Activities:
A. INSTALLATION - mounting and external wiring
B. PREVENTIVE MAINTENANCE - manufacturer's recommended or company's routine maintenance
C. TROUBLESHOOTING - analyzing and identifying defective assembly or subassembly
D. MODULE REPLACEMENT - replacement of an entire assembly or subassembly
E. MODULE REPAIR - repairing defective components, align and test module
F. COMMISSIONING - initial testing, assuring proper operation, and meeting manufacturer's specifications
G. KNOWLEDGE OF EQUIPMENT - where knowledge of equipment was obtained

EQUIPMENT GROUPS	Work experience on each equipment in yr/months	Check each box below which describes an activity which you have independently performed on the equipment						List manufacturer of equipment and how you gained knowledge of the equipment. **No credit for experience will be given without this information**. Reference to your application is acceptable, or utilize a separate sheet if necessary
7. TELECOMMUNICATIONS SYSTEMS		**A**	**B**	**C**	**D**	**E**	**F**	**G**
TELEPHONE SWITCHING SYSTEMS (I.E. PBX)								
DIAL ACCESS TRUNKS / SIGNALING EQUIP.								
KEY TELEPHONE EQUIPMENT / SYSTEMS								
TELEMETERING EQUIPMENT								
FIBER OPTIC SYSTEMS								

ELEMENT 3 USE OF ELECTRONIC TEST EQUIPMENT

INSTRUCTIONS:

COLUMN A LIST OF INSTRUMENTS USED BY POWER SYSTEM CONTROL CRAFTSMAN

COLUMN B IF YOU HAVE UTILIZED INSTRUMENT, INDICATE AMOUNT OF USE, ACCORDING TO THE FOLLOWING CODES:

(1) OCCASIONAL USE (YEARLY)
(2) MODERATE USE (SEVERAL TIMES PER YEAR)
(3) REGULAR USE (MONTHLY)
(4) EXTENSIVE USE (WEEKLY)

COLUMN C INDICATE YOUR CURRENT LEVEL OF KNOWLEDGE OF THE TEST INSTRUMENT, ACCORDING TO THE FOLLOWING CODES:

(1) BASIC KNOWLEDGE
(2) GENERAL KNOWLEDGE (UNDERSTAND LIMITATION AND ACCURACY OF TEST INSTRUMENT)
(3) THOROUGH KNOWLEDGE (ABILITY TO INSTRUCT OTHERS IN PROPER USE OF TEST INSTRUMENT)

COLUMN D DESCRIBE THE TYPE OF TEST YOU WERE PERFORMING AND THE MODEL NUMBER OF THE INSTRUMENT UTILIZED. THIS MUST BE COMPLETED TO BE CREDITED FOR THE USE OF THE TEST INSTRUMENT.

A. INSTRUMENTS	B	C	D
1. VOLT / OHM / AMP METER			
2. RS-232 BREAK OUT BOX			
3. COMPUTERS / PLOTTERS			
4. DIGITAL MULTIMETER			
5. OSCILLOSCOPE , ANALOG			
6. SINAD METER			
7. PAR TEST SET			
8. BERT TEST INSTRUMENT			
9. AUDIO SIGNAL GENERATOR			
10. PROGRAMMABLE INSTRUMENTS			
11. GPIB CONTROLLERS			
12. DTMF TEST SET			

ELEMENT 3 USE OF ELECTRONIC TEST EQUIPMENT

INSTRUCTIONS:

COLUMN A LIST OF INSTRUMENTS USED BY POWER SYSTEM CONTROL CRAFTSMAN

COLUMN B IF YOU HAVE UTILIZED INSTRUMENT, INDICATE AMOUNT OF USE, ACCORDING TO THE FOLLOWING CODES:

(1) OCCASIONAL USE (YEARLY)
(2) MODERATE USE (SEVERAL TIMES PER YEAR)
(3) REGULAR USE (MONTHLY)
(4) EXTENSIVE USE (WEEKLY)

COLUMN C INDICATE YOUR CURRENT LEVEL OF KNOWLEDGE OF THE TEST INSTRUMENT, ACCORDING TO THE FOLLOWING CODES:

(1) BASIC KNOWLEDGE
(2) GENERAL KNOWLEDGE (UNDERSTAND LIMITATION AND ACCURACY OF TEST INSTRUMENT)
(3) THOROUGH KNOWLEDGE (ABILITY TO INSTRUCT OTHERS IN PROPER USE OF TEST INSTRUMENT)

COLUMN D DESCRIBE THE TYPE OF TEST YOU WERE PERFORMING AND THE MODEL NUMBER OF THE INSTRUMENT UTILIZED. THIS MUST BE COMPLETED TO BE CREDITED FOR THE USE OF THE TEST INSTRUMENT

A. INSTRUMENTS	B	C	D
13. OSCILLOSCOPE, DIGITAL			
14. OSCILLOSCOPE, STORAGE			
15. WHITE NOISE TEST SET			
16. AUDIO SPECTRUM ANALYZER			
17. VHF / UHF SERVICE MONITOR			
18. VHF / UHF POWER METER			
19. RF FREQUENCY COUNTER			
20. RF SPECTRUM ANALYZER			
21. RF SIGNAL GENERATOR			
22. FREQUENCY SELECTIVE VOLTMETER			
23. BASEBAND SPECTRUM ANALYZER			
24. MICROWAVE POWER METER			

ELEMENT 3 USE OF ELECTRONIC TEST EQUIPMENT.

INSTRUCTIONS:

COLUMN A LIST OF INSTRUMENTS USED BY POWER SYSTEM CONTROL CRAFTSMAN

COLUMN B IF YOU HAVE UTILIZED INSTRUMENT, INDICATE AMOUNT OF USE, ACCORDING TO THE FOLLOWING CODES:

(1) OCCASIONAL USE (YEARLY)
(2) MODERATE USE (SEVERAL TIMES PER YEAR)
(3) REGULAR USE (MONTHLY)
(4) EXTENSIVE USE (WEEKLY)

COLUMN C INDICATE YOUR CURRENT LEVEL OF KNOWLEDGE OF THE TEST INSTRUMENT, ACCORDING TO THE FOLLOWING CODES:

(1) BASIC KNOWLEDGE
(2) GENERAL KNOWLEDGE (UNDERSTAND LIMITATION AND ACCURACY OF TEST INSTRUMENT)
(3) THOROUGH KNOWLEDGE (ABILITY TO INSTRUCT OTHERS IN PROPER USE OF TEST INSTRUMENT)

COLUMN D DESCRIBE THE TYPE OF TEST YOU WERE PERFORMING AND THE MODEL NUMBER OF THE INSTRUMENT UTILIZED. THIS MUST BE COMPLETED TO BE CREDITED FOR THE USE OF THE TEST INSTRUMENT

A. INSTRUMENTS	B	C	D
25. LOGIC ANALYZER			
26. NETWORK ANALYZER			
27. DATA ERROR ANALYZER			
28. PROTOCOL ANALYZER			
29. FIBER OPTICS ATTENUATOR			
30. FIBER OPTICS SOURCES POWER METER			
31. FIBER OPTICS OTDR			
32. RFI / TVI TEST EQUIPMENT			
33. MICROWAVE SWEEP GENERATOR			
34. MICROWAVE NOISE LOADING TEST SET			
35. MICROWAVE LINK ANALYZER			
36. SCADA TEST SET			

ELEMENT 4 KNOWLEDGE OF ELECTRONIC THEORY

A. Formal Education	High School					College				Technical School
(Circle Highest Grade Completed)	8	9	10	11	12	1	2	3	4	# of months completed _____

Degrees or certificates awarded from college or technical school: _____

ATTACH COPY OF COLLEGE OR TECHNICAL SCHOOL TRANSCRIPTS

NAME OF SCHOOL	LOCATION	DATES ATTENDED		HIGHEST DEGREE AWARDED
		FROM	TO	

Have you completed a formal Electronic Craft Apprenticeship Program? Yes _____ No _____ Which craft/trade _____
Dates Attended: From _____ To _____ Length of training/Number of Years _____
Sponsored by: _____ Did you receive a certificate: Yes _____ No _____
Which of the following did the apprenticeship include? On-the-job Training _____ Classroom _____ Correspondence _____

B. List courses you have taken related to the electronic area including courses taken in military, manufacturers-sponsored training, company-sponsored training, I.C.S., college, trade school, union, or others. (If necessary, continue on an additional sheet of paper.) DO NOT LIST COURSES WHICH WERE A PART OF YOUR APPRENTICESHIP TRAINING.

Course Title	Type of School	Date Begin	Date Ending	Credit Hours	Classroom Hours	Pass	Fail	Quit	Brief Course Description

ELEMENT 4 KNOWLEDGE OF ELECTRONIC THEORY

C. INSTRUCTIONS: IN THE BOX NEXT TO EACH THEORY, PLACE THE NUMBER WHICH DESCRIBES YOUR CURRENT LEVEL OF KNOWLEDGE.

LEVEL OF KNOWLEDGE:

1. NO KNOWLEDGE OF THAT THEORY
2. BASIC UNDERSTANDING OF THE THEORY
3. THOROUGH KNOWLEDGE AND APPLICATION OF THEORY
4. COMPREHENSIVE UNDERSTANDING AND ABILITY TO INSTRUCT OTHERS

THEORY	KNOWLEDGE NUMBER	THEORY	KNOWLEDGE NUMBER	THEORY	KNOWLEDGE NUMBER
ELECTRONIC		FIBER OPTICS SYSTEMS		ANALOG IC	
POWER LINE CARRIER THEORY		RF WAVE GUIDE SYSTEMS		SCR'S, FET'S, AND MOV'S	
ADVANCED AC THEORY		RF TRANSMISSION LINE		OPERATIONAL AMPLIFIERS	
INDUCTIVE / CAPACITIVE REACTANCE		RF TRANSMITTER		CMOS, LSI, VLSI	
DATA TRANSMISSION THEORY		RF RECEIVER		**MATHEMATICAL THEORY**	
ANTENNA RADIATION THEORY		RF POWER AMPLIFIER		ALGEBRA	
AUDIO POWER AMPLIFIER		TELEPHONE SYSTEMS		VECTOR ANALYSIS	
POWER SUPPLY		DECIBELS		CALCULUS	
TVI - RFI THEORY		ANTENNA SYSTEMS		**COMPUTER THEORY**	
TELECOMMUNICATION		RF WAVE PROPAGATION		WINDOWS OPERATING SYSTEMS	
MICROWAVE COMMUNICATION		TELEPHONE SWITCHING THEORY		DOS OPERATING SYSTEMS	
MULTIPLEX SYSTEMS		**SOLID STATE THEORY**		NUMBER SYSTEMS - INCLUDING BINARY, HEXADECIMAL & OCTAL	
MICROWAVE MEASUREMENT		TRANSISTOR		QUICK BASIC PROGRAMMING	
MODULATION THEORY		DIODE		VISUAL BASIC PROGRAMMING	
VHF / UHF COMMUNICATION SYSTEMS		DIGITAL IC		C PROGRAMMING	

ELEMENT 5 ABILITY TO USE ELECTRONIC HAND AND POWER TOOLS

TOOLS/EQUIPMENT	**For each of the tools/equipment which you have used, indicate how you used it and for what purpose, as it relates to ELECTRONIC work**
1. SOLDERING TOOLS	
2. DESOLDERING TOOLS	
3. BURNISHERS	
4. TAPS AND DIES	
5. FISH TAPE	
6. WIRE WRAP TOOLS	
7. CHASSIS PUNCH	
8. ZERT NUT TOOL	
9. POP-RIVET TOOL	
10. NUT DRIVERS	
11. ALLEN WRENCHES	
12. FUSE PULLER	
13. WIRE STRIPPERS	
14. HEAT GUN	
15. HEAT SHRINK	
16. CABLE STRIPPER	

ELEMENT 5 ABILITY TO USE ELECTRONIC HAND AND POWER TOOLS

TOOLS/EQUIPMENT	**For each of the tools/equipment which you have used, indicate how you used it and for what purpose, as it relates to ELECTRONIC work**
17. TORQUE WRENCHES	
18. CRIMPING TOOL	
19. TORX DRIVER	
20. DRILL PRESS	
21. WIRE PUNCH DOWN TOOL	
22. FIBER OPTICS CLEAVING TOOL	
23. FIBER OPTICS POLISHING PUCK	
24. FIBER OPTICS SPLICE KIT	
25. FIBER OPTICS CLADDING STRIPPER	
26. E.S.D. PROTECTION EQUIPMENT	
27. FREEZE MIST	
28. TUNING TOOLS	
29. RJ-11 CABLE CONNECTOR CRIMPING TOOL	
30. RJ-45 CABLE CONNECTOR CRIMPING TOOL	
31. RF TRIAX CABLE CONNECTOR CRIMPING TOOL	
32. RIBBON CABLE CONNECTOR CRIMPING TOOL	

ELEMENT 6 ABILITY TO TROUBLESHOOT

PART A

FOR EACH **KIND OF TROUBLESHOOTING** LISTED BELOW, INDICATE YOUR HIGHEST EXPERIENCE BY WRITING THE TROUBLESHOOTING TYPE NUMBER AND GIVE AN EXAMPLE THAT DEMONSTRATES THAT LEVEL OF EXPERIENCE.

TROUBLESHOOTING EXPERIENCE TYPE NUMBERS:

1. **HAVE NOT DONE**
2. **HAVE ASSISTED OR DONE WITH GUIDANCE**
3. **HAVE SHARED RESPONSIBILITY WITH OTHER TEAM MEMBERS**
4. **FULLY RESPONSIBLE FOR INDEPENDENT TROUBLESHOOTING**
5. **HAVE BEEN A TECHNICAL RESOURCE FOR OTHERS (i.e. SENIOR LEAD TECHNICIAN)**

KIND OF TROUBLESHOOTING	EXPERIENCE NO. (1-5)	GIVE AN EXAMPLE (EQUIPMENT, PROBLEM, RESOLUTION, SERVICE AWARDS, ETC.)
REPLACED MINOR COMPONENTS, USING VISUAL INSPECTION TO DETECT TROUBLE OR FAILURES		
TROUBLESHOOT EQUIPMENT TO THE CIRCUIT CARD AND REPLACE FAILED CARD (MODULE REPLACEMENT)		
TROUBLESHOOT CARDS TO THE COMPONENT LEVEL AND REPAIR BY REPLACING THE COMPONENT		
TROUBLESHOOT A COMPLETE SYSTEM INCLUDING SEVERAL SUBSYSTEMS		
TROUBLESHOOT EQUIPMENT THAT IS NEW TO YOU USING INSTRUCTION MANUALS AND DRAWINGS		
TROUBLESHOOT ELECTRONIC EQUIPMENT UNDER CONDITIONS OF LIMITED TIME (MINIMAL OUTAGE DURATION)		

ELEMENT 6 ABILITY TO TROUBLESHOOT

PART A

FOR EACH **KIND OF TROUBLESHOOTING** LISTED BELOW, INDICATE YOUR HIGHEST EXPERIENCE BY WRITING THE TROUBLESHOOTING TYPE NUMBER AND GIVE AN EXAMPLE THAT DEMONSTRATES THAT LEVEL OF EXPERIENCE.

TROUBLESHOOTING EXPERIENCE TYPE NUMBERS:

1. **HAVE NOT DONE**
2. **HAVE ASSISTED OR DONE WITH GUIDANCE**
3. **HAVE SHARED RESPONSIBILITY WITH OTHER TEAM MEMBERS**
4. **FULLY RESPONSIBLE FOR INDEPENDENT TROUBLESHOOTING**
5. **HAVE BEEN A TECHNICAL RESOURCE FOR OTHERS (i.e. SENIOR LEAD TECHNICIAN)**

KIND OF TROUBLESHOOTING	EXPERIENCE NO. (1-5)	GIVE AN EXAMPLE (EQUIPMENT, PROBLEM, RESOLUTION, SERVICE AWARDS, ETC.)
TROUBLESHOOT INTERMITTENT RECURRING MALFUNCTIONS		
TROUBLESHOOT USING TEST JIGS TO DETECT TROUBLE		
TROUBLESHOOT DATA TRANSMISSION PROBLEMS (MODEMS, STAT MUX, ROUTERS, ETC.)		
DEVELOPED A TROUBLE SHOOTING PROCEDURE OR GUIDE THAT WAS UTILIZED BY OTHERS		
TROUBLESHOOT A RF PROPAGATION, INTERMOD, OR ANTENNA SYSTEM PROBLEM		
UTILIZED DIGITAL LOGIC TROUBLE SHOOTING TECHNIQUES		

ELEMENT 6 ABILITY TO TROUBLESHOOT

PART B

	LIST OF DOCUMENTATION	YES	NO	INDICATE HOW YOU HAVE USED THE DOCUMENTATION, FOR WHAT PURPOSE, AND WHAT KIND OF EQUIPMENT WAS INVOLVED
1.	EQUIPMENT INSTRUCTION BOOKS			
2.	EQUIPMENT ELECTRICAL WIRING DIAGRAMS			
3.	EQUIPMENT CABLING DIAGRAMS			
4.	EQUIPMENT TEST DOCUMENTATION			
5.	EQUIPMENT SPECIFICATIONS			
6.	EQUIPMENT FLOOR PLANS			
7.	JACKFIELD WIRING DIAGRAMS			
8.	WAVE GUIDE ROUTING DIAGRAMS			
9.	SITE DEVELOPMENT DRAWINGS			
10.	SIGNAL FLOW DIAGRAMS			
11.	BLOCK AND LEVEL DIAGRAMS			

ELEMENT 6 ABILITY TO TROUBLESHOOT

PART B

	LIST OF DOCUMENTATION	YES	NO	INDICATE HOW YOU HAVE USED THE DOCUMENTATION, FOR WHAT PURPOSE, AND WHAT KIND OF EQUIPMENT WAS INVOLVED
12.	SINGLE LINE DIAGRAMS			
13.	DIGITAL LOGIC DIAGRAMS			
14.	CIRCUIT SCHEMATIC DIAGRAMS			
15.	CROSS CONNECT DIAGRAMS OR CIRCUIT LAYOUT RECORD CARDS			
16.	SYSTEM TEST PLAN			
17.	COMMUNICATION TOWER ASSEMBLY AND ERECTION PLANS			
18.	PASSIVE REFLECTOR PLOT PLANS, ASSEMBLY DRAWING			
19.	INSTALLATION HARDWARE DRAWINGS			
20.	CIRCUIT MODIFICATION DIAGRAMS			
21.	MAINTENANCE PROCEDURES			
22.	FACTORY FIELD CHANGES			
23.	WORK STATEMENTS/ PROJECT DIAGRAMS			

ELEMENT 7 SAFETY

YES NO

1. _____ _____ Within the last 3 years, have you completed a formal First Aid training course? If YES, how many hours, what dates, and by whom?

2. _____ _____ Within the last 2 years, have you had CPR training? If YES, give details, including date(s) of training.

3. _____ _____ Have you been certified to take an electrical clearance? If YES, indicate by whom and date of certification.

4. _____ _____ Have you had any safety training? If Yes, show what type of training, the approximate dates, and approximate total hours in each.

5. _____ _____ Have you worked for an employer with a regular safety program? If Yes, what did the program include?

6. _____ _____ Have you received awards for suggestions related to safety? If YES, Give details including dates.

7. _____ _____ Have you ever taught a safety class? If Yes, show what type, when, where, and length of the class.

8. _____ _____ Have you had an on the job lost time accident **in the last 3 years**? If so, give details of each accident.

Date	Circumstances

ELEMENT 7 SAFETY

YES NO

9 _____ _____ Do you have a current driver's license? In what state are you licensed? _____

What is your license number? _____ Are there any restrictions? _____

10. SHOW EACH TICKET YOU RECEIVED FOR VIOLATION OF A DRIVING LAW (DO NOT INCLUDE PARKING VIOLATION OR CHARGES OF WHICH YOU WERE FOUND NOT GUILTY) DURING THE **PAST THREE YEARS**. THIS RECORD MUST BE ACCURATE AND COMPLETE. A CHECK OF DRIVING RECORDS WELL BE MADE. IF NECESSARY, CONTINUE ON AN ADDITIONAL SHEET OF PAPER. GIVE DETAILS SUCH AS "SPEEDING 60 MPH IN A 55 MPH ZONE."

IF NO TICKETS IN PAST THREE YEARS, CHECK HERE ☐

CHARGE: (SPEEDING, DRUNK DRIVING, FAILURE TO YIELD, ETC.)	DATE	GIVE DETAILS	CITY STATE	WAS LICENSE REVOKED OR SUSPENDED	SENTENCE, AMOUNT OF FINE, ETC. INDICATE "NONE" WHEN THERE WERE NO PENALTIES IMPOSED.

ELEMENT 7 SAFETY

11. GIVES DATES AND DESCRIPTION OF EACH VEHICLE ACCIDENT YOU HAVE HAD IN THE **PAST THREE YEARS** AND INDICATE WHETHER YOU WERE OR WERE NOT FOUND AT FAULT.

IF NO VEHICLE ACCIDENTS IN PAST THREE YEARS, CHECK HERE ☐

TYPE OF VEHICLE YOU WERE DRIVING	DATE	DESCRIPTION OF ACCIDENT	CITY / STATE	FATALITY INVOLVED	AMOUNT OF DAMAGES	WERE YOU JUDGED AT FAULT

12. Conditions of Employment. Occasionally, work may be performed under other than normal conditions. Please indicate whether you will or will not work under the following conditions.

	WILL	WILL NOT	
a.	_____	_____	Work under varying climatic conditions
b.	_____	_____	Work in remote locations (Maybe alone)
c.	_____	_____	Work with a team or crew
d.	_____	_____	Work from a stepladder
e.	_____	_____	Work around high voltage
f.	_____	_____	Work subject to emergency call-outs
g.	_____	_____	Drive a snow-cat vehicle
h.	_____	_____	Lift and carry instruments weighing up to 50 lbs (23 kg)

ELEMENT 8 INGENUITY IN SUGGESTING AND APPLYING NEW METHODS

NOTE: THIS ELEMENT IS NOT PART OF THE RATING FOR TRAINEE POSITIONS. APPLICANTS FOR CRAFTSMAN MUST COMPLETE THIS PAGE.

Check each item listed below which applies to your experience and training. Give explanation beneath each item.

Check Here

☐ Have put new maintenance ideas into practice. List one or two such ideas.

☐ Have contributed ideas for increasing efficiencies in getting maintenance tasks accomplished. List one or two such ideas.

☐ Have suggested modifications in communications equipment and procedures to solve problems. List suggestions made, awards received, if any.

☐ Have developed a maintenance procedure for new equipment that was adopted by my company. List one or two contributions.

USE ADDITIONAL SHEETS IF YOU NEED MORE ROOM.

ELEMENT 8 INGENUITY IN SUGGESTING AND APPLYING NEW METHODS

NOTE: THIS ELEMENT IS NOT PART OF THE RATING FOR TRAINEE POSITIONS. APPLICANTS FOR CRAFTSMAN MUST COMPLETE THIS PAGE.

Check each item listed below which applies to your experience and training. Give explanation beneath each item.

Check Here

☐ Have repaired electronic equipment with limited documentation and no specific training on the equipment. List one or two examples..

☐ Have contributed to design modification of telecommunication and control equipment. List contributions made and patents, if any.

☐ Have adapted test equipment or operational / maintenance procedures to solve an emergency situation and restore telecommunication service. List adaptations made.

☐ Have written computer programs to perform specific task (such as control of test equipment) OR have made significant changes to existing programs to enhance its function.

USE ADDITIONAL SHEETS IF YOU NEED MORE ROOM.